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TITLE: Method for apparatus for implementing a class hierarchy of objects in a hierarchical file system

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Claims Text - CLTX:

establishing a root class by creating a collection of hierarchical directories and files of a first type using said hierarchical file system, said first type collection of hierarchical directories and files logically comprising a search path of a first type and a root class method, said first type search path being used for locating said first type collection of hierarchical directories and files, said root class method being used for generating a class instance for a non-root class subclass to said root class;

Claims Text - CLTX:

establishing non-root classes by creating collections of hierarchical directories and files of a second type using said hierarchical file system, each of said second type collections of hierarchical directories and files logically comprising a search path of a second type, each of said second type search paths being used for locating its second type collection of hierarchical directories and files and all collections of hierarchical directories and files created to establish its non-root class' ancestral classes including said root class, each of said second type collections of hierarchical directories and files being hierarchically subordinate to the collection of hierarchical directories and files created to establish its non-root class' super class; and

Claims Text - CLTX:

generating class instances of said non-root classes by creating collections of hierarchical directories and files of a third type using said hierarchical file system, each of said third type collections of hierarchical directories and files logically comprising a search path of a third type and at least one class instance variable value, each of said third type search paths being used for locating its third type collection of hierarchical directories and files and all collections of hierarchical directories and files created to establish its class instance's class, its class instance's class' ancestral classes including said root class, each of said third type collections of hierarchical directories and files being hierarchically subordinate to the second type collection of hierarchical directories and files created to establish its class instance's class.

Claims Text - CLTX:

first file creation means coupled to said hierarchical file system for establishing a root class by creating a collection of hierarchical directories and files of a first type using said hierarchical file system, said first type collection of hierarchical directories and files logically comprising a search path of a first type and a class instance making method, said first type search path being used for locating said first type collection of hierarchical directories and files, said class instance making method being used for generating class instances for non-root classes subclass to said root class; and

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second file creation means coupled to said hierarchical file system for establishing non-root classes by creating collections of hierarchical directories and files of a second type using said hierarchical file system, each of said second type collections of hierarchical directories and files logically comprising a search path of a second type, each of said second type search paths being used for locating its second type collection of hierarchical directories and files and all collections of hierarchical directories and files created to establish its non-root class' ancestral classes including said root class, each of said second type collections of hierarchical directions and files being hierarchically subordinate to the collection of hierarchical directories and files created to establish its non-root class' super class;

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said class instance making method generating said class instance for said non-root classes by creating collections of hierarchical directories and files of a third type using said hierarchical file system, each of said third type collections of hierarchical directories and files logically comprising a search path of a third type and at least one class instance variable value, each of said third type search paths being used for locating its third type collection of hierarchical directories and files and all collections of hierarchical directories and files created to establish its class instance's class, its class instance's class' ancestral classes including said root class, each of said third type collections of hierarchical directories and files being hierarchically subordinate to the second type collection of hierarchical directories and files created to establish its class instance's class.